

Week 1 Lab

Install Visual Studio Code and the VSCode LiveServer extension if you haven't already done so.

Exercise 1

Create an application "home page" with the following:

1. Three paragraphs (use your own text or text from <https://www.lipsum.com/>.
https://www.w3schools.com/html/html_paragraphs.asp
2. A main heading and a heading for each of the 3 paragraphs.
https://www.w3schools.com/html/html_headings.asp
3. A list of links at the top of the page that link to pages you create below. Include a "logout" link that takes the user to the "login page" created in step 2 below.
https://www.w3schools.com/html/html_links.asp
4. An image in your Web page that is either one you create or you get from the Internet.
If you were building a real Web site/app you would want to make sure you could use any image you acquire from somewhere on the Internet.
https://www.w3schools.com/html/html_images.asp
5. At least one other thing using another HTML element of your choosing.

Exercise 2

Create a "login page" with an HTML form allowing users to enter their login name and password.

https://www.w3schools.com/html/html_forms.asp

Include a "submit" button allowing users to "login" to your application. Don't worry about making the login button active. We'll do that in a future lab session.

Exercise 3

Create a "person page" with the following:

https://www.w3schools.com/html/html_tables.asp

1. A list of persons in an HTML table format with the following columns:
 - First Name
 - Middle Initial
 - Last Name

Include 5 rows of data. Later this data will come from a database.

2. The same menu bar you added to the "home page".
3. A heading for the table.

Exercise 4

Create a "student page" with the following:

https://www.w3schools.com/html/html_tables.asp

1. A list of students in an HTML table format with the following columns:

- Student ID
- Email Address

Include 5 rows of data. Later this data will come from a database.

2. The same menu bar you added to the "home page".

3. A heading for the table.

Exercise 5

Create a CSS file for your application

<https://www.w3schools.com/css/default.asp>

1. Assign a class attribute to each of the table headings to allow you to apply the same styling to them as a group.

2. Add styling of your choice (font size, color, etc.) for the table headings, using the class name you created in step 1, to your application CSS file.

3. Assign an Id attribute to the home page heading to allow you to apply styling only to it.

4. Add styling (font size, color, etc.) of your choice for the the home page heading, using the id name you created in step 3, to your application CSS file.

5. Add at least one other styling of your choice to some element or elements in one or more of your Web pages.

6. Reference the application CSS file (external stylesheet) in each of your Web pages.

Test your pages to make sure your styles get applied as expected.

https://www.w3schools.com/css/css_howto.asp

When you are finished, submit your lab work following the instructions under "**Lab Submissions**".